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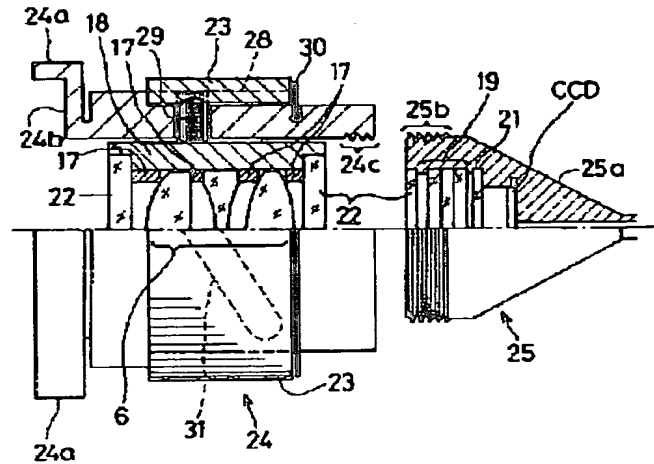
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APPLICANT : OLYMPUS OPTICAL CO LTD;

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TITLE : ENDOSCOPE APPARATUS



ABSTRACT : PURPOSE: To provide an endoscope apparatus which has an autoclave endurance, is capable of adjusting focus and facilitates switching of an observing multiplication of an endoscope image.

CONSTITUTION: An endoscope apparatus comprises an endoscope, a TV photographing adaptor 24 and a TV camera head 25. An image of an object transmitted from the endoscope (left in the drawing) is formed on a CCD built in a TV camera head through a crystal filter 19 and an infrared cut filter 21 built into the TV camera head 25 by an imaging optical system 6 arranged inside the TV photographing adaptor 24. To prevent the infiltration of steam by autoclave treatment, the imaging optical system 6 is housed into a lens socket body 18 sealed airtightly by a sapphire cover glass 22 while the TV camera head 25 is sealed airtightly by the sapphire cover glass 22.

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